

Please type a plus sign (+) inside this box → Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

050604
U.S. PTO
050604050604
10/840087
050604
**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

- See MPEP chapter 600 concerning utility patent application contents*
1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
 2. Applicant claims small entity status.
See 37 CFR 1.27.
 3. Specification [Total Pages (11)]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross reference to related applications
 - Statement regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a Computer program listing appendix
 - Background of the Invention
 - Brief Summary of the invention
 - Brief Description of the Drawings
 - Detailed description
 - Claim(s)
 - Abstract of the Disclosure
 4. Drawing(s) (35 USC 113) [Total Sheets (4)]
 5. Oath or Declaration [Total Pages (5)]
 - a. Newly executed (original copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 6. Application Data Sheet. See 37 CFR 1.76

Attorney Docket No.	DP-310233
First Inventor	Marvin V. Manwaring et al.
Title	Adaptive Energy Absorbing System Using Pin Pullers
Express Mail Label No.	EV308125821US

ADDRESS TO: Commissioner for Patents
MAILSTOP Patent Application, PO BOX 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement Copies of IDS (IDS)/PTO-1449 Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Certification under 35 USC 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Check for the payment of the filing fee

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data sheet under 37 CFR. 76:

 Continuation Divisional Continuation-in-part (CIP) of prior application no.: _____ / _____

Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

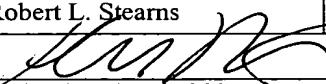
19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or Correspondence address below

27305

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Robert L. Stearns	Registration No. (Attorney/Agent)	36,937
Signature		Date	May 6, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

050604
U.S.PTO

FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

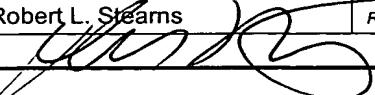
TOTAL AMOUNT OF PAYMENT (\$)

770

Complete if Known	
Application Number	Herewith
Filing Date	May 6, 2004
First Named Inventor	Marvin V. Manwaring et al.
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	DP-310233

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)																																																														
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> Deposit Account <input type="checkbox"/> None					3. ADDITIONAL FEES Large Entity Small Entity Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid 1051 130 2051 65 Surcharge - late filing fee or oath 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet. 1053 130 1053 130 Non-English specification 1812 2,520 1812 2,520 For filing a request for <i>ex parte</i> reexamination 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action 1251 110 2251 55 Extension for reply within first month 1252 420 2252 210 Extension for reply within second month 1253 950 2253 475 Extension for reply within third month 1254 1,480 2254 740 Extension for reply within fourth month 1255 2,010 2255 1,005 Extension for reply within fifth month 1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive – unavoidable 1453 1,330 2453 665 Petition to revive – unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1460 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify)																																																														
Deposit Account Number <div style="border: 1px solid black; padding: 2px; width: 200px; margin-bottom: 10px;">08-2789</div> Deposit Account Name <div style="border: 1px solid black; padding: 2px; width: 200px;">Howard & Howard</div> <p>The Director is authorized to: (check all that apply)</p> <input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.																																																																			
FEE CALCULATION																																																																			
1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> <td>Utility filing fee</td> <td>770</td> <td></td> <td></td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> <td>Design filing fee</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> <td>Plant filing fee</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> <td>Reissue filing fee</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td style="text-align: right;">(\$) 770</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee	770			1002	340	2002	170	Design filing fee				1003	530	2003	265	Plant filing fee				1004	770	2004	385	Reissue filing fee				1005	160	2005	80	Provisional filing fee				SUBTOTAL (1)					(\$) 770				
Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																												
1001	770	2001	385	Utility filing fee	770																																																														
1002	340	2002	170	Design filing fee																																																															
1003	530	2003	265	Plant filing fee																																																															
1004	770	2004	385	Reissue filing fee																																																															
1005	160	2005	80	Provisional filing fee																																																															
SUBTOTAL (1)					(\$) 770																																																														
2. EXTRA CLAIM FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>19</td> <td>-20**</td> <td>= 0</td> <td>X 18 = 0</td> </tr> <tr> <td>2</td> <td>-3**</td> <td>= 0</td> <td>X = 0</td> </tr> <tr> <td colspan="4" style="text-align: center;">X = 0</td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td style="text-align: right;">(\$) 0</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										Total Claims	Extra Claims	Fee from below	Fee Paid	19	-20**	= 0	X 18 = 0	2	-3**	= 0	X = 0	X = 0				SUBTOTAL (2)					(\$) 0																																				
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																
19	-20**	= 0	X 18 = 0																																																																
2	-3**	= 0	X = 0																																																																
X = 0																																																																			
SUBTOTAL (2)					(\$) 0																																																														
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)																																																																			

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)				
Name (Print/Type)	Robert L. Stearns	Registration No. Attorney/Agent)	36,937	Telephone	248.723.0427	
Signature					Date	05/06/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT

(Attorney's Docket No.DP-310233)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Marvin V. Manwaring, Richard K. Rife,
Ray G. Armstrong, Lee M. Tinnin,
Ravindra Jwalaphathy

Serial No.: Herewith

Group Art Unit: Not Assigned

Filed: May 6, 2004

Examiner: Not Assigned

For: Adaptive Energy Absorbing System Using Pin Pullers

Mail Stop: Non Provisional Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number

EV 308125821 US

Date of Deposit

May 6, 2004

I hereby certify that the following attached paper(s) or fee

<input checked="" type="checkbox"/>	Post Card
<input checked="" type="checkbox"/>	Utility Patent Application Transmittal
<input checked="" type="checkbox"/>	Fee Transmittal and Check
<input checked="" type="checkbox"/>	Executed Declaration & Power of Attorney
<input checked="" type="checkbox"/>	Patent Application in English
	6 pages Specifications, 4 Pages Claims
	1 Page Abstract, 4 sheets drawings

 IDS Statement and Form PTO/SB/08A

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Sandra L. Barry

(Typed or printed name of person mailing paper or fee)

Sandra L. Barry

Signature of person mailing paper or fee)

Note: Each paper must have its own certificate and the "Express Mail" label number as a part thereof or attached thereto. When, as here, the certification is presented on a separate sheet, that sheet must (1) be signed and (2) fully identify and be securely attached to the paper or fee it accompanies. Identification should include the serial number and filing date of the application as well as the type of paper being filed, e.g. complete application, specification and drawings, responses to rejection or refusal, notice of appeal, etc. if the serial number of the application is not known, the identification should include at least the name of the inventor(s) and the title of the invention.

Note: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing of the drawings be accompanied by a set of informal drawings on which the label number is placed.